

PART 70 OPERATING PERMIT OFFICE OF AIR MANAGEMENT

**Valeo, Inc. Engine Cooling Automotive Division
1100 E. Barachel Lane
Greensburg, Indiana 47240-1200**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T031-7017-00014	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date:

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SECTION A

SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Management (OAM). The information describing the source contained in conditions A.1 through A.3 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

The Permittee owns and operates a fabrication plant producing automobile condensers, radiators, and cooling modules.

Responsible Official: Mark Rynearson
Source Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200
Mailing Address: 1100 East Barachel Lane, Greensburg, Indiana 47240-1200
SIC Code: 3714
County Location: Decatur
County Status: Attainment for all criteria pollutants
Source Status: Part 70 Permit Program
Minor Source, under PSD or Emission Offset Rules;
Minor Source, Section 112 of the Clean Air Act

A.2 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

- (a) 6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:
 - (1) one (1) solder line, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.
- (b) NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
 - (2) one (1) cool down station, EU-19, exhausting to stack PE-19,
 - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (c) NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
 - (2) one (1) cool down station, EU-32, exhausting to stack PE-32,
 - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (d) NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) three(3) fin mills, with a capacity of 0.49 gal/hr/mill,
 - (2) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
 - (3) one (1) cool down station, EU-45, exhausting to stack PE-45,
 - (4) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.

- (e) NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:
 - (1) one(1) fin mill, with a capacity of 0.49 gal/hr/mill.
 - (2) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
 - (3) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
 - (4) one (1) conditioning cool down station, exhausting to stack PE-54.
- (g) NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:
 - (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
 - (2) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
 - (3) one (1) cool down station, exhausting to stack PE-60.
- (h) NOCOLOK Line # 6, with a capacity of 400 lbs/hr, consisting of:
 - (1) one (1) core assembly process,
 - (3) one (1) natural gas core conditioning oven, with a capacity of 4.0 MMBTU/hr, exhausting to stack PE-600A, B ,
 - (4) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-601,
 - (5) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-602,
 - (6) one (1) nitrogen electric braze oven, exhausting to stack PE-603A, B,
 - (7) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-604,
 - (8) one (1) natural gas paint dryoff oven, with a capacity of 0.4 MMBTU/hr, exhausting to stack PE-605.
- (i) NOCOLOK Line # 7, with a capacity of 300 lbs/hr, consisting of:
 - (1) one (1) core assembly process,
 - (2) one (1) natural gas core conditioning oven, with a capacity of 2.0 MMBTU/hr, exhausting to stack PE-700A, B,
 - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-701,
 - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-702,
 - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-703A, B,
 - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-704,

- (7) one (1) natural gas paint dryoff oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-705.
- (j) Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consists of:
 - (1) four (4) fin press lines which includes the application of 4.4 pounds per hour of evaporating oil for each press.

A.3 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)]
[326 IAC 2-7-5(15)]

This stationary source does not currently have any insignificant activities, as defined in 326 IAC 2-7-1 (21) that have applicable requirements.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

GENERAL CONDITIONS

B.1 Permit No Defense [IC 13]

- (a) Indiana statutes from IC 13 and rules from 326 IAC, quoted in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7.
- (b) This prohibition shall not apply to alleged violations of applicable requirements for which the Commissioner has granted a permit shield in accordance with 326 IAC 2-7-15, as set out in this permit in the Section B condition entitled "Permit Shield."

B.2 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, any applicable definitions found in IC 13-11, 326 IAC 1-2 and 326 IAC 2-7 shall prevail.

B.3 Permit Term [326 IAC 2-7-5(2)]

This permit is issued for a fixed term of five (5) years from the effective date, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3.

B.4 Enforceability [326 IAC 2-7-7(a)]

- | | |
|-----|---|
| (a) | All terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM. |
| (b) | Unless otherwise stated, terms and conditions of this permit, including any provisions to limit the source's potential to emit, are enforceable by the United States Environmental Protection Agency (U.S. EPA) and citizens under the Clean Air Act. |

B.5 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source's existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.6 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.7 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort, or any exclusive privilege.

B.8 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)] [326 IAC 2-7-5(6)(E)]

- (a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall furnish to IDEM, OAM, within a reasonable time, any information that IDEM, OAM, may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit.
- (c) Upon request, the Permittee shall also furnish to IDEM, OAM, copies of records required to be kept by this permit. If the Permittee wishes to assert a claim of confidentiality over any of the furnished records, the Permittee must furnish such records to IDEM, OAM, along with a claim of confidentiality under 326 IAC 17. If requested by IDEM, OAM, or the U.S. EPA, to furnish copies of requested records directly to U. S. EPA, and if the Permittee is making a claim of confidentiality regarding the furnished records, then the Permittee must furnish such confidential records directly to the U.S. EPA along with a claim of confidentiality under 40 CFR 2, Subpart B.

B.9 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

- (a) The Permittee must comply with all conditions of this permit. Noncompliance with any provisions of this permit constitutes a violation of the Clean Air Act and is grounds for:
 - (1) Enforcement action;
 - (2) Permit termination, revocation and reissuance, or modification; or
 - (3) Denial of a permit renewal application.
- (b) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.

B.10 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)]

- (a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted under this permit shall contain certification by a responsible official of truth, accuracy, and completeness. This certification, and any other certification required under this permit, shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
- (b) One (1) certification shall be included, on the attached Certification Form, with each submittal.
- (c) A responsible official is defined at 326 IAC 2-7-1(34).

B.11 Annual Compliance Certification [326 IAC 2-7-6(5)]

- (a) The Permittee shall annually submit a compliance certification report which addresses the status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The certification shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than July 1st of each year to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

- (b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (c) The annual compliance certification report shall include the following:
 - (1) The identification of each term or condition of this permit that is the basis of the certification;
 - (2) The compliance status;
 - (3) Whether compliance was based on continuous or intermittent data;
 - (4) The methods used for determining compliance of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3);
 - (5) Any insignificant activity that has been added without a permit revision; and
 - (6) Such other facts, as specified in Sections D of this permit, as IDEM, OAM, may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.12 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)]
[326 IAC 1-6-3]

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- (a) If required by specific condition(s) in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMP) within ninety (90) days after issuance of this permit, including the following information on each facility:
 - (1) Identification of the individual(s) responsible for inspecting, maintaining, and repairing emission control devices;
 - (2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions;
 - (3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If due to circumstances beyond its control, the PMP cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) The Permittee shall implement the Preventive Maintenance Plans as necessary to

ensure that lack of proper maintenance does not cause or contribute to a violation of any limitation on emissions or potential to emit.

- (c) PMP's shall be submitted to IDEM, OAM, upon request and shall be subject to review and approval by IDEM, OAM.

B.13 Emergency Provisions [326 IAC 2-7-16]

- (a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation, except as provided in 326 IAC 2-7-16.
- (b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a health-based or technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:
- (1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;
 - (2) The permitted facility was at the time being properly operated;
 - (3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;
 - (4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAM, within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for Office of Air Management, Compliance Section), or
Telephone Number: 317-233-5674 (ask for Compliance Section)
Facsimile Number: 317-233-5967

- (5) For each emergency lasting one (1) hour or more, the Permittee submitted notice, either in writing or facsimile, of the emergency to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

- (A) A description of the emergency;
- (B) Any steps taken to mitigate the emissions; and
- (C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (6) The Permittee immediately took all reasonable steps to correct the emergency.
- (c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.
- (d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions) for sources subject to this rule after the effective date of this rule. This permit condition is in addition to any emergency or upset provision contained in any applicable requirement.
- (e) IDEM, OAM, may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4-(c)(10) be revised in response to an emergency.
- (f) Failure to notify IDEM, OAM, by telephone or facsimile of an emergency lasting more than one (1) hour in compliance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.
- (g) Operations may continue during an emergency only if the following conditions are met:
 - (1) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.
 - (2) If an emergency situation causes a deviation from a health-based limit, the Permittee may not continue to operate the affected emissions facilities unless:
 - (A) The Permittee immediately takes all reasonable steps to correct the emergency situation and to minimize emissions; and
 - (B) Continued operation of the facilities is necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value.

Any operation shall continue no longer than the minimum time required to prevent the situations identified in (g)(2)(B) of this condition.

B.14 Permit Shield [326 IAC 2-7-15]

- (a) This condition provides a permit shield as addressed in 326 IAC 2-7-15.
- (b) This permit shall be used as the primary document for determining compliance with applicable requirements established by previously issued permits. Compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that:
 - (1) The applicable requirements are included and specifically identified in this permit; or
 - (2) The permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable.
- (c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, including any term or condition from a previously issued construction or operation

permit, IDEM, OAM, shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

- (d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application.
- (e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:
 - (1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;
 - (2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;
 - (3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and
 - (4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.
- (f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).
- (g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAM, has issued the modifications. [326 IAC 2-7-12(c)(7)]
- (h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAM, has issued the modification. [326 IAC 2-7-12(b)(7)]

B.15 Multiple Exceedances [326 IAC 2-7-5(1)(E)]

Any exceedance of a permit limitation or condition contained in this permit, which occurs contemporaneously with an exceedance of an associated surrogate or operating parameter established to detect or assure compliance with that limit or condition, both arising out of the same act or occurrence, shall constitute a single potential violation of this permit.

B.16 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

- (a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ten (10) calendar days from the date of the discovery of the deviation.

- (b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit or a rule. It does not include:
 - (1) An excursion from compliance monitoring parameters as identified in Section D of this permit unless tied to an applicable rule or limit; or

- (2) An emergency as defined in 326 IAC 2-7-1(12); or
- (3) Failure to implement elements of the Preventive Maintenance Plan unless lack of maintenance has caused or contributed to a deviation.
- (4) Failure to make or record information required by the compliance monitoring provisions of Section D unless such failure exceeds 5% of the required data in any calendar quarter.

A Permittee's failure to take the appropriate response step when an excursion of a compliance monitoring parameter has occurred is a deviation.

- (c) Written notification shall be submitted on the attached Emergency/Deviation Occurrence Reporting Form or its substantial equivalent. The notification does not need to be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (d) Proper notice submittal under 326 IAC 2-7-16 satisfies the requirement of this subsection.

B.17 Permit Modification, Reopening, Revocation and Reissuance, or Termination
[326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

- (a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)]
- (b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAM, determines any of the following:
 - (1) That this permit contains a material mistake.
 - (2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.
 - (3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]
- (c) Proceedings by IDEM, OAM, to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made as expeditiously as practicable. [326 IAC 2-7-9(b)]
- (d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAM, at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAM, may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.18 Permit Renewal [326 IAC 2-7-4]

- (a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAM, and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

- (b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]
 - (1) A timely renewal application is one that is:
 - (A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and
 - (B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
 - (2) If IDEM, OAM, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.
- (c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAM, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAM, any additional information identified as being needed to process the application.
- (d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)]
If IDEM, OAM, fails to act in a timely way on a Part 70 permit renewal, the U.S. EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.19 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.
- (b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

Any such application should be certified by the "responsible official" as defined by 326 IAC 2-7-1(34) only if a certification is required by the terms of the applicable rule

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.20 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)]
[326 IAC 2-7-12 (b)(2)]

- (a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.
- (b) Notwithstanding 326 IAC 2-7-12(b)(1)(D)(i) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.21 Changes Under Section 502(b)(10) of the Clean Air Act [326 IAC 2-7-20(b)]

The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a) and the following additional conditions:

- (a) For each such change, the required written notification shall include a brief description of the change within the source, the date on which the change will occur, any change in emissions, and any permit term or condition that is no longer applicable as a result of the change.
- (b) The permit shield, described in 326 IAC 2-7-15, shall not apply to any change made under 326 IAC 2-7-20(b).

B.22 Operational Flexibility [326 IAC 2-7-20]

- (a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

- (1) The changes are not modifications under any provision of Title I of the Clean Air Act;
- (2) Any approval required by 326 IAC 2-1 has been obtained;
- (3) The changes do not result in emissions which exceed the emissions allowable under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);
- (4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the

Permittee's copy of this permit; and

- (5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAM, in the notices specified in 326 IAC 2-7-20(b), (c)(1), and (e)(2).

- (b) For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:
 - (1) A brief description of the change within the source;
 - (2) The date on which the change will occur;
 - (3) Any change in emissions; and
 - (4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).
- (d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAM, or U.S. EPA is required.
- (e) Backup fuel switches specifically addressed in, and limited under, Section D of this permit shall not be considered alternative operating scenarios. Therefore, the notification requirements of part (a) of this condition do not apply.

B.23 Construction Permit Requirement [326 IAC 2]

Except as allowed by Indiana P.L. 130-1996 Section 12, as amended by P.L. 244-1997, modification, construction, or reconstruction shall be approved as required by and in accordance with 326 IAC 2.

B.24 Inspection and Entry [326 IAC 2-7-6(2)]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, the Permittee shall allow IDEM, OAM, U.S. EPA, or an authorized representative to perform the following:

- (a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;
- (b) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;

- (c) Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;
- (d) Sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and
- (e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.
[326 IAC 2-7-6(6)]
 - (1) The Permittee may assert a claim that, in the opinion of the Permittee, information removed or about to be removed from the source by IDEM, OAM, or an authorized representative, contains information that is confidential under IC 5-14-3-4(a). The claim shall be made in writing before or at the time the information is removed from the source. In the event that a claim of confidentiality is so asserted, neither IDEM, OAM, nor an authorized representative, may disclose the information unless and until IDEM, OAM, makes a determination under 326 IAC 17-1-7 through 326 IAC 17-1-9 that the information is not entitled to confidential treatment and that determination becomes final. [IC 5-14-3-4; IC 13-14-11-3; 326 IAC 17-1-7 through 326 IAC 17-1-9]
 - (2) The Permittee, and IDEM, OAM, acknowledge that the federal law applies to claims of confidentiality made by the Permittee with regard to information removed or about to be removed from the source by U.S. EPA. [40 CFR Part 2, Subpart B]

B.25 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

- (a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.
- (b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The application which shall be submitted by the Permittee does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request.
[326 IAC 2-7-11(c)(3)]

B.26 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)]

- (a) The Permittee shall pay annual fees to IDEM, OAM, within thirty (30) calendar days of receipt of a billing. If the Permittee does not receive a bill from IDEM, OAM, the applicable fee is due April 1 of each year.

- (b) Failure to pay may result in administrative enforcement action or revocation of this permit.
- (c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-0425 (ask for OAM, Technical Support and Modeling Section), to determine the appropriate permit fee.

SECTION C

SOURCE OPERATION CONDITIONS

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

- C.1 Particulate Matter Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) pounds per hour [326 IAC 6-3-2(c)]
Pursuant to 326 IAC 6-3-2(c), the allowable particulate matter emissions rate from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.
- C.2 Opacity [326 IAC 5-1]
Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:
- (a) Opacity shall not exceed an average of forty percent (40%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
 - (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor in a six (6) hour period.
- C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]
The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.
- C.4 Incineration [326 IAC 4-2][326 IAC 9-1-2]
The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2.
- C.5 Fugitive Dust Emissions [326 IAC 6-4]
The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.
- C.6 Operation of Equipment [326 IAC 2-7-6(6)]
All air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission units vented to the control equipment are in operation.
- C.7 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61.140]
- (a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.
 - (b) The Permittee shall ensure that a written notification is sent on a form provided by the

Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

- (1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or
- (2) If there is a change in the following:
 - (A) Asbestos removal or demolition start date;
 - (B) Removal or demolition contractor; or
 - (C) Waste disposal site.
- (c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).
- (d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (e) Procedures for Asbestos Emission Control
The Permittee shall comply with the emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-4 emission control requirements are mandatory for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.
- (f) Indiana Accredited Asbestos Inspector
The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement that the inspector be accredited is federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.8 Performance Testing [326 IAC 3-6]

-
- (a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing methods approved by IDEM, OAM.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

no later than thirty-five (35) days prior to the intended test date. The Permittee shall submit a notice of the actual test date to the above address so that it is received at least two weeks prior to the test date.

- (b) All test reports must be received by IDEM, OAM within forty-five (45) days after the completion of the testing. An extension may be granted by the Commissioner, if the source submits to IDEM, OAM, a reasonable written explanation within five (5) days prior to the end of the initial forty-five (45) day period.

The documentation submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.9 Compliance Schedule [326 IAC 2-7-6(3)]

The Permittee:

- (a) Has certified that all facilities at this source are in compliance with all applicable requirements; and
- (b) Has submitted a statement that the Permittee will continue to comply with such requirements; and
- (c) Will comply with such applicable requirements that become effective during the term of this permit.

C.10 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Compliance with applicable requirements shall be documented as required by this permit. The Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment, no more than ninety (90) days after receipt of this permit. If due to circumstances beyond its control, this schedule cannot be met, the Permittee may extend the compliance schedule an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34)

C.11 Monitoring Methods [326 IAC 3]

Any monitoring or testing performed to meet the applicable requirements of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, or other approved methods as specified in this permit.

C.12 Wet Scrubber Specifications

Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent ($\pm 2\%$) of full scale reading.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.13 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

- (a) The Permittee shall prepare written emergency reduction plans (ERPs) consistent with safe operating procedures.

- (b) These ERPs shall be submitted for approval to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Management
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015

within ninety (90) days after the date of issuance of this permit.

The ERP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (c) If the ERP is disapproved by IDEM, OAM, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.
- (d) These ERPs shall state those actions that will be taken, when each episode level is declared, to reduce or eliminate emissions of the appropriate air pollutants.
- (e) Said ERPs shall also identify the sources of air pollutants, the approximate amount of reduction of the pollutants, and a brief description of the manner in which the reduction will be achieved.
- (f) Upon direct notification by IDEM, OAM, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level. [326 IAC 1-5-3]

C.14 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, subject to 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall:

- (a) Submit:
- (1) A compliance schedule for meeting the requirements of 40 CFR 68 by the date provided in 40 CFR 68.10(a); or
 - (2) As a part of the compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and
 - (3) A verification to IDEM, OAM, that a RMP or a revised plan was prepared and submitted as required by 40 CFR 68.

- (b) Provide annual certification to IDEM, OAM, that the Risk Management Plan is being properly implemented.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.15 Compliance Monitoring Plan - Failure to Take Response Steps [326 IAC 2-7-5][326 IAC 2-7-6]
[326 IAC 1-6]

- (a) The Permittee is required to implement a compliance monitoring plan to ensure that reasonable information is available to evaluate its continuous compliance with applicable requirements. This compliance monitoring plan is comprised of:
 - (1) This condition;
 - (2) The Compliance Determination Requirements in Section D of this permit;
 - (3) The Compliance Monitoring Requirements in Section D of this permit;
 - (4) The Record Keeping and Reporting Requirements in Section C (Monitoring Data Availability, General Record Keeping Requirements, and General Reporting Requirements) and in Section D of this permit; and
 - (5) A Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. CRP's shall be submitted to IDEM, OAM upon request and shall be subject to review and approval by IDEM, OAM. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee and maintained on site, and is comprised of :
 - (A) Response steps that will be implemented in the event that compliance related information indicates that a response step is needed pursuant to the requirements of Section D of this permit; and
 - (B) A time schedule for taking such response steps including a schedule for devising additional response steps for situations that may not have been predicted.
- (b) For each compliance monitoring condition of this permit, appropriate response steps shall be taken when indicated by the provisions of that compliance monitoring condition. Failure to perform the actions detailed in the compliance monitoring conditions or failure to take the response steps within the time prescribed in the Compliance Response Plan, shall constitute a violation of the permit unless taking the response steps set forth in the Compliance Response Plan would be unreasonable.
- (c) After investigating the reason for the excursion, the Permittee is excused from taking further response steps for any of the following reasons:
 - (1) The monitoring equipment malfunctioned, giving a false reading. This shall be an excuse from taking further response steps providing that prompt action was taken to correct the monitoring equipment.
 - (2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for an administrative amendment to the permit, and such request has not been denied or;
 - (3) An automatic measurement was taken when the process was not operating; or

- (4) The process has already returned to operating within “normal” parameters and no response steps are required.
- (d) Records shall be kept of all instances in which the compliance related information was not met and of all response steps taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

**C.16 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5]
[326 IAC 2-7-6]**

- (a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate corrective actions. The Permittee shall submit a description of these corrective actions to IDEM, OAM, within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize emissions from the affected facility while the corrective actions are being implemented. IDEM, OAM shall notify the Permittee within thirty (30) days, if the corrective actions taken are deficient. The Permittee shall submit a description of additional corrective actions taken to IDEM, OAM within thirty (30) days of receipt of the notice of deficiency. IDEM, OAM reserves the authority to use enforcement activities to resolve noncompliant stack tests.
- (b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAM that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAM may extend the retesting deadline. Failure of the second test to demonstrate compliance with the appropriate permit conditions may be grounds for immediate revocation of the permit to operate the affected facility.

The documents submitted pursuant to this condition do not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.17 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

- (a) The Permittee shall submit an annual emission statement certified pursuant to the requirements of 326 IAC 2-6, that must be received by July 1st of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual emission statement shall meet the following requirements:
 - (1) Indicate actual emissions of criteria pollutants from the source, in compliance with 326 IAC 2-6 (Emission Reporting);
 - (2) Indicate actual emissions of other regulated pollutants from the source, for purposes of Part 70 fee assessment.
- (b) The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31. The annual emission statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015

- (c) The annual emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.

C.18 Monitoring Data Availability [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)]

- (a) With the exception of performance tests conducted in accordance with Section C-Performance Testing, all observations, sampling, maintenance procedures, and record keeping, required as a condition of this permit shall be performed at all times the equipment is operating at normal representative conditions.
- (b) As an alternative to the observations, sampling, maintenance procedures, and record keeping of subsection (a) above, when the equipment listed in Section D of this permit is not operating, the Permittee shall either record the fact that the equipment is shut down or perform the observations, sampling, maintenance procedures, and record keeping that would otherwise be required by this permit.
- (c) If the equipment is operating but abnormal conditions prevail, additional observations and sampling should be taken with a record made of the nature of the abnormality.
- (d) If for reasons beyond its control, the operator fails to make required observations, sampling, maintenance procedures, or record keeping, reasons for this must be recorded.
- (e) At its discretion, IDEM may excuse such failure providing adequate justification is documented and such failures do not exceed five percent (5%) of the operating time in any quarter.
- (f) Temporary, unscheduled unavailability of staff qualified to perform the required observations, sampling, maintenance procedures, or record keeping shall be considered a valid reason for failure to perform the requirements stated in (a) above.

C.19 General Record Keeping Requirements [326 IAC 2-7-5(3)][326 IAC 2-7-6]

- (a) Records of all required monitoring data and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be kept at the source location for a minimum of three (3) years and available upon the request of an IDEM, OAM, representative. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner makes a written request for records to the Permittee, the Permittee shall furnish the records to the Commissioner within a reasonable time.
- (b) Records of required monitoring information shall include, where applicable:
 - (1) The date, place, and time of sampling or measurements;
 - (2) The dates analyses were performed;
 - (3) The company or entity performing the analyses;
 - (4) The analytic techniques or methods used;
 - (5) The results of such analyses; and

- (6) The operating conditions existing at the time of sampling or measurement.
- (c) Support information shall include, where applicable:
 - (1) Copies of all reports required by this permit;
 - (2) All original strip chart recordings for continuous monitoring instrumentation;
 - (3) All calibration and maintenance records;
 - (4) Records of preventive maintenance shall be sufficient to demonstrate that improper maintenance did not cause or contribute to a violation of any limitation on emissions or potential to emit. To be relied upon subsequent to any such violation, these records may include, but are not limited to: work orders, parts inventories, and operator's standard operating procedures. Records of response steps taken shall indicate whether the response steps were performed in accordance with the Compliance Response Plan required by Section C - Compliance Monitoring Plan - Failure to take Response Steps, of this permit, and whether a deviation from a permit condition was reported. All records shall briefly describe what maintenance and response steps were taken and indicate who performed the tasks.
- (d) All record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.20 General Reporting Requirements [326 IAC 2-7-5(3)(C)]

- (a) To affirm that the source has met all the compliance monitoring requirements stated in this permit the source shall submit a Semiannual Compliance Monitoring Report. Any deviation from the requirements and the date(s) of each deviation must be reported. The Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Management
100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
- (c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAM, on or before the date it is due.
- (d) Unless otherwise specified in this permit, any quarterly report shall be submitted within thirty (30) days of the end of the reporting period. The report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).
- (e) All instances of deviations as described in Section B- Deviations from Permit Requirements Conditions must be clearly identified in such reports. The Emergency/Deviation Occurrence Report does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

- (f) Any corrective actions or response steps taken as a result of each deviation must be clearly identified in such reports.
- (g) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period.

Stratospheric Ozone Protection

C.21 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

- (a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.
- (b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.
- (c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:

- (a) one (1) solder line, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Particulate Matter (PM) [326 IAC 6-3-2(c)]

Pursuant to 326 IAC 6-3-2(c), the PM from the solder line, EU-3, shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour.

The allowable particulate emission rates pursuant to 326 IAC 6-3-2 are as follows:

Identification	Limit in pounds per hour
Flux station, EU-3	4.9

Compliance Determination Requirements

D.1.2 Testing Requirements [326 IAC 2-7-6(1),(6)][326 IAC 2-1.1-11]

The Permittee is not required to test this facility by this permit. However, IDEM may require compliance testing when necessary to determine if the facility is in compliance. If testing is required by IDEM, compliance with the PM limit specified in Condition D.1.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing.

D.1.3 Particulate Matter (PM)

Pursuant to CP-031-2313-00008, issued on February 3, 1992, the wet scrubber for PM control shall be in operation at all times when the solder line is in operation.

SECTION D.2

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:

- (1) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
- (2) one (1) cool down station, EU-19, exhausting to stack PE-19,
- (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.

NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:

- (1) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
- (2) one (1) cool down station, EU-32, exhausting to stack PE-32,
- (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.

NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:

- (1) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
- (2) one (1) cool down station, EU-45, exhausting to stack PE-45,
- (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.

NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:

- (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
- (2) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
- (3) one (1) conditioning cool down station, exhausting to stack PE-54.

NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:

- (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
- (2) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
- (3) one (1) cool down station, exhausting to stack PE-60.

Facility Description [326 IAC 2-7-5(15)]

NOCOLOK Line # 6, with a capacity of 400 lbs/hr, consisting of:

- (1) one (1) core assembly process,
- (2) one (1) natural gas core conditioning oven, with a capacity of 4.0 MMBTU/hr, exhausting to stack PE-600A, B ,
- (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-601,
- (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-602,
- (5) one (1) nitrogen electric braze oven, exhausting to stack PE-603A, B, (7) one (1) mass spec test with helium lubricating oil, exhausting to stack PE- 604,
- (6) one (1) natural gas paint dryoff oven, with a capacity of 0.4 MMBTU/hr, exhausting to stack PE-605.

NOCOLOK Line # 7, with a capacity of 300 lbs/hr, consisting of:

- (1) one (1) core assembly process,
- (2) one (1) natural gas core conditioning oven, with a capacity of 2.0 MMBTU/hr, exhausting to stack PE-700A, B,
- (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-701,
- (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-702,
- (5) one (1) nitrogen electric braze oven, exhausting to stack PE-703A, B,
- (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE- 704,
- (7) one (1) natural gas paint dryoff oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-705.

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from each of the NOCOLOK lines #1 - #5, must be approved by the Office of Air Management (OAM) before such change may occur. The input VOC to each NOCOLOK lines #1 through #5 is less than 25 tons per year, therefore, 326 IAC 8-1-6 (BACT) does not apply.

Compliance Determination Requirements

D.2.2 Testing Requirements [326 IAC 2-7-6(1)]

Testing of these facilities is not specifically required by this permit. However, if testing is required, compliance with the particulate matter limit specified in Condition D.2.1 shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

Recordkeeping Requirements

D.2.3 Record Keeping Requirements

- (a) To document compliance with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.2.1.
 - (1) records of amount of evaporating oil usage,

- (2) percent VOC of evaporating oil, and
 - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]

Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consisting of four (4) fin press lines, P0, P1, P2, and P3, which include the application of 4.4 pounds per hour of evaporating oil for each press.

Emissions Limitations and Standards

D.3.1 Volatile Organic Compounds (VOC)

- (a) The VOC input from the evaporating oil usage on each of the Presses P0, P1, P2, and P3, is less than twenty-five (25) tons per twelve month consecutive period. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.
- (b) Any change or modification which may increase the potential VOC emissions from the equipment covered above must be approved by the Office of Air Management (OAM) before such change may occur.

Compliance Determination Requirements

D.3.2 Testing Requirements [326 IAC 2-7-6(1)]

Testing of these facilities is not specifically required by this permit. However, if testing is required, compliance shall be determined by a performance test conducted in accordance with Section C - Performance Testing. This does not preclude testing requirements on this facility under 326 IAC 2-7-5 and 326 IAC 2-7-6.

Recordkeeping Requirements

D.3.3 Record Keeping Requirements

- (a) To document compliance with Condition D.3.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.3.1.
 - (1) records of amount of evaporating oil usage,
 - (2) percent VOC of evaporating oil, and
 - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
CERTIFICATION**

Source Name: Valeo Engine Cooling, Inc.
Source Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Mailing Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Part 70 Permit No.: T031-7017-00014

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit.

Please check what document is being certified:

- 9 Annual Compliance Certification Letter
- 9 Test Result (specify)
- 9 Report (specify)
- 9 Notification (specify)
- 9 Other (specify)

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

Signature:

Printed Name:

Title/Position:

Date:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION
P.O. Box 6015
100 North Senate Avenue
Indianapolis, Indiana 46206-6015
Phone: 317-233-5674
Fax: 317-233-5967**

**PART 70 OPERATING PERMIT
EMERGENCY/DEVIATION OCCURRENCE REPORT**

Source Name: Valeo Engine Cooling, Inc.
Source Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Mailing Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Part 70 Permit No.: T031-7017-00014

This form consists of 2 pages

Page 1 of 2

Check either No. 1 or No.2	
9 1.	This is an emergency as defined in 326 IAC 2-7-1(12)
C	The Permittee must notify the Office of Air Management (OAM), within four (4) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
C	The Permittee must submit notice in writing or by facsimile within two (2) days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16
9 2.	This is a deviation, reportable per 326 IAC 2-7-5(3)(c)
C	The Permittee must submit notice in writing within ten (10) calendar days

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency/Deviation:
Describe the cause of the Emergency/Deviation:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency/Deviation started:
Date/Time Emergency/Deviation was corrected:
Was the facility being properly operated at the time of the emergency/deviation? Y N Describe:
Type of Pollutants Emitted: TSP, PM-10, SO ₂ , VOC, NO _x , CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency/deviation:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:
Title / Position:
Date:
Phone:

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR MANAGEMENT
COMPLIANCE DATA SECTION**

**PART 70 OPERATING PERMIT
SEMI-ANNUAL COMPLIANCE MONITORING REPORT**

Source Name: Valeo Engine Cooling, Inc.
Source Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Mailing Address: 1100 East Barachel Lane, Greensburg, IN 47240-1200
Part 70 Permit No.: T031-7017-00014

Months: _____ to _____ Year: _____

This report is an affirmation that the source has met all the compliance monitoring requirements stated in this permit. This report shall be submitted semiannually. Any deviation from the compliance monitoring requirements and the date(s) of each deviation must be reported. Additional pages may be attached if necessary. This form can be supplemented by attaching the Emergency/Deviation Occurrence Report. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

9 NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

9 THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD.

Compliance Monitoring Requirement (e.g. Permit Condition D.1.3)	Number of Deviations	Date of each Deviation

Form Completed By:
Title/Position:
Date:
Phone:

Attach a signed certification to complete this report.

Indiana Department of Environmental Management Office of Air Management

Technical Support Document (TSD) for a Part 70 Operating Permit

Source Background and Description

Source Name: Valeo, Inc. Engine Cooling Automotive Division
 Source Location: 1100 E. Barachel Lane, Greensburg, IN 47240-1200
 County: Decatur
 SIC Code: 3714
 Operation Permit No.: T031-7017-00014
 Permit Reviewer: Holly M. Stockrahm

The Office of Air Management (OAM) has reviewed a Part 70 permit application from Valeo, Inc. Engine Cooling Automotive Division relating to the operation of a fabrication plant producing automobile condensers, radiators, and cooling modules.

Permitted Emission Units and Pollution Control Equipment

The source consists of the following permitted emission units and pollution control devices:

- (1) 6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:
 - (a) one (1) flux station, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.
- (2) NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:
 - (a) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
 - (b) one (1) cool down station, EU-19, exhausting to stack PE-19,
 - (c) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
 - (d) one (1) fin mill, which includes the application of 1.4 pounds per hour of evaporating oil to the aluminum stock.
- (3) NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:
 - (a) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
 - (b) one (1) cool down station, EU-32, exhausting to stack PE-32,
 - (c) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
 - (d) one (1) fin mill, which includes the application of 1.4 pounds per hour of evaporating oil to the aluminum stock.
- (4) NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:
 - (a) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
 - (b) one (1) cool down station, EU-45, exhausting to stack PE-45,
 - (c) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
 - (d) one (1) fin mill, which includes the application of 1.4 pounds per hour of evaporating oil to the aluminum stock.
- (5) NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:
 - (a) one (1) core assembly process which includes the application of 1.5 pounds per hour of evaporating oil to the aluminum stock,

- (b) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
 - (c) one (1) conditioning cool down station, exhausting to stack PE-54.
 - (d) one (1) fin mill, which includes the application of 1.4 pounds per hour of evaporating oil to the aluminum stock.
- (6) NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:
 - (a) one (1) core assembly process which includes the application of 1.5 pounds per hour of evaporating oil to the aluminum cores,
 - (b) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
 - (c) one (1) cool down station, exhausting to stack PE-51.
 - (d) one (1) fin mill, which includes the application of 1.4 pounds per hour of evaporating oil to the aluminum stock.

Unpermitted Emission Units and Pollution Control Equipment

The source also consists of the following unpermitted facilities:

- (1) Mechanical Radiator Line, EU-53, utilizing no control, and not exhausting to a stack, consists of:
 - (a) four (4) fin press lines which includes the application of 4.4 pounds per hour of evaporating oil for each press.

Insignificant Activities

The source also consists of the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (1) Natural gas-fired combustion sources with heat input equal to or less than ten (10) million Btu per hour.
- (2) Vessels storing lubricating oils, hydraulic oils, machining oils, and machining fluids.
- (3) Application of oils, greases, lubricants or other nonvolatile materials applied as temporary coatings.
- (4) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment.
- (5) Closed loop heating and cooling systems.
- (6) Activities associated with the treatment of wastewater streams with an oil and grease content less than or equal to 1% by volume.
- (7) Any operation using aqueous solutions containing less than 1% by weight of VOCs excluding HAPs.
- (8) Water based adhesives that are less than or equal to 5% by volume of VOCs excluding HAPs.
- (9) Replacement or repair of electrostatic precipitators, bags in baghouses and filters in other air filtration equipment.
- (10) Process vessel degassing and cleaning to prepare for internal repairs.
- (11) Paved and unpaved roads and parking lots with public access.
- (12) Equipment used to collect any material that might be released during a malfunction, process upset, or spill cleanup, including catch tanks, temporary liquid separators, tanks, and fluid handling equipment.

- (13) Blowdown for any of the following: sight glass; boiler; compressors; pumps; and cooling tower.
- (14) Filter or coalescer media change out.
- (15) A laboratory as defined in 326 IAC 2-7-1(21)(D).
- (16) Other activities or categories not previously identified:
 - (a) 6 mm Condenser Line:
 - (i) one (1) interior/exterior wash booth using aqueous solution,
 - (ii) one (1) dryoff oven,
 - (iii) caustic cleaner and conversion coating operation,
 - (iv) one (1) paint hook incinerator, PE-17,
 - (v) one (1) solder station,
 - (vi) one (1) silicone gasket application station,
 - (vii) four (4) mass spec leak test stations,
 - (viii) one (1) electrostatic powder coating and cure oven.
 - (b) NOCOLOK Lines #s 1, 2, 3, 4, and 5:
 - (i) five (5) flux stations,
 - (ii) five (5) natural gas flux dry off ovens, capacities 1.2, 1.1, 1.1, 1.5 and 1.5 MM Btu/hr, respectively,
 - (iii) five (5) electric braze ovens,
 - (iv) five (5) braze cool down stations,
 - (v) eleven (11) mass spec leak test stations,
 - (vi) four (4) electrostatic powder coating and cure ovens (Lines 1,2, 4, and 5),
 - (vii) one (1) paint hook incinerator, P-28,
 - (viii) one (1) braze inlet/outlet tubes (Line 1 only),
 - (ix) one (1) bracket weld/braze (Line 1 only),
 - (x) one (1) autowelder
 - (xi) fin mills.
 - (c) NOCOLOK Pilot Line:
 - (i) flux application operation,
 - (ii) one (1) natural gas dry off oven, with a capacity of 1.1 MM Btu/hr,
 - (iii) one (1) electric braze oven,
 - (iv) one (1) braze cool down station.
 - (d) Sludge Dryer/Wastewater Treatment System.
 - (e) Two (2) 100,000 Gallon Wastewater Storage Tanks.

Existing Approvals

The source has been operating under previous approvals including, but not limited to, the following:

- (1) CP 031-6589, ID 031-00014, issued on October 7, 1996,
- (2) EQ 031-5884, ID 031-00014, issued on July 8, 1996,
- (3) CP 031-4921, ID 031-00014, issued on December 21, 1995,
- (4) CP 031-4081, ID 031-00014, issued on February 7, 1995, amendment to Registration CP 031-4081 issued February 22, 1997,
- (5) CP 031-2313, ID 031-00008*, issued on February 3, 1992,
- (6) CP 031-2633, ID 031-00008*, issued on December 30, 1992,

- (7) OP 16-10-93-0069, issued on December 12, 1989,
- (8) OP 16-10-93-0070, issued on December 12, 1989,
- (9) CP 031-5273, ID 031-00014, issued on March 19, 1996,
- (10) CP 031-8695-00014, issued on July 30, 1997, and
- (11) CP031-10782-00014, application in house.

*These registrations were assigned a different Plant ID Number in error. No amendment has been issued to correct this error. This TSD will serve as the amendment. The Title V Plant ID Number, 131-00014, will supersede 131-00008.

All conditions from previous approvals were incorporated into this Part 70 permit.

Enforcement Issue

- (a) IDEM is aware that equipment has been constructed and operated prior to receipt of the proper permit. The subject equipment is listed in this Technical Support Document under the condition entitled *Unpermitted Emission Units and Pollution Control Equipment*.
- (b) IDEM is reviewing this matter and will take appropriate action. This proposed permit is intended to satisfy the requirements of the construction permit rules.

Recommendation

The staff recommends to the Commissioner that the Part 70 permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An administratively complete Part 70 permit application for the purposes of this review was received on October 28, 1996. A notice of completeness letter was mailed to the source on November 11, 1996.

Emission Calculations

Emissions from the unpermitted Mechanical Radiator Line prior to installation of low volume sprayers in 1998:

VOC = Evaporating oil usage rate per press * %VOC * number of presses
9.7 lb/hr/press * 90% VOC * 4 presses = 35 lb/hr VOC = 153 ton/yr.
Actual VOC Emissions = 153 ton/8760 hrs * 6244 actual hours/yr = 109 ton/yr.
PM = Evaporating oil usage rate per press * % Non-VOC * number of presses
9.7 lb/hr/press * 10 % PM * 4 presses = 3.88 lb/hr = 17 ton/yr
Actual PM Emissions = 17 ton/8760 hrs * 6244 hours/yr = 12 ton/yr

Emissions from the Low Oil Sprayers on Mechanical Radiator Line:

VOC = Evaporating oil usage rate per press * %VOC * number of presses
4.4 lb/hr/press * 90% VOC * 4 presses = 15.84 lb/hr VOC = 69 ton/yr.
Actual VOC Emissions = 69 ton/8760 hrs * 6244 actual hours/yr = 49 ton/yr.
PM = Evaporating oil usage rate per press * % Non-VOC * number of presses
4.4 lb/hr/press * 10 % PM * 4 presses = 1.76 lb/hr = 7.7 ton/yr
Actual PM Emissions = 7.7 ton/8760 hrs * 6244 hours/yr = 5.5 ton/yr

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as “the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA.”

Pollutant	Potential To Emit (tons/year)
PM	less than 100
PM-10	less than 100
SO ₂	less than 100
VOC	greater than 100, less than 250
CO	less than 100
NO _x	less than 100

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

HAP's	Potential Emissions (tons/year)
methanol	less than 10
TOTAL	less than 10

The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of volatile organic compounds are equal to or greater than 100 tons per year. Therefore, the source is subject to the provisions of 326 IAC 2-7.

Actual Emissions

The following table shows the actual emissions from the source. This information reflects the emission data based on company calculations, no emission information has been inventoried as of June 30, 1997.

Pollutant	Actual Emissions (tons/year)
PM	0.29
PM-10	0.29
SO ₂	0
VOC	147
CO	0
HAP	3
NO _x	0

Limited Potential to Emit

The table below summarizes the total limited potential to emit of the significant emission units.

Process/facility	Limited Potential to Emit (tons/year)						
	PM (lb/hr)	PM- 10	SO ₂	VOC (ton/yr)	CO	NO _x	HAP
Mechanical Radiator (4 Fin Press Lines)	4.9*			25 for each line			
Total Emissions	19.8			100 ton/yr			

*Based on 326 IAC 6-3-2.

**This limit was established in CP 031-4921, issued December 21, 1995.

County Attainment Status

The source is located in Decatur County.

Pollutant	Status
TSP	attainment
PM-10	attainment
SO ₂	attainment
NO ₂	attainment
Ozone	attainment
CO	attainment
Lead	attainment

Volatile organic compounds (VOC) and oxides of nitrogen are precursors for the formation of ozone. Therefore, VOC and NO_x emissions are considered when evaluating the rule applicability relating to the ozone standards. Decatur County has been designated as attainment or unclassifiable for ozone.

Federal Rule Applicability

- (a) There are no New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60) applicable to this source.
- (b) There are no National Emission Standards for Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR art 63) applicable to this source. Both of the chlorinated solvent degreasers have been removed from the source.

State Rule Applicability - Entire Source

326 IAC 2-2 (Prevention of Significant Deterioration)

The total source potential to emit volatile organic compounds is less than 250 tons per 365 consecutive day period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.

326 IAC 2-6 (Emission Reporting)

This source is subject to 326 IAC 2-6 (Emission Reporting), because it has the potential to emit more than one hundred (100) tons per year of volatile organic compounds (VOC). Pursuant to this rule, the owner/operator of the source must annually submit an emission statement for the source. The annual statement must be received by July 1 of each year and contain the minimum requirement as specified in 326 IAC 2-6-4. The submittal should cover the period defined in 326 IAC 2-6-2(8)(Emission Statement Operating Year).

326 IAC 5-1 (Visible Emissions Limitations)

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Exemptions), opacity shall meet the following, unless otherwise stated in this permit:

- (a) Opacity shall not exceed an average of forty percent (40%) any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.
- (b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings) as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

State Rule Applicability - Individual Facilities

326 IAC 6-3-2 (Particulate Matter Limitations for Process Operations)

Pursuant to 326 IAC 6-3-2(c), the particulate matter from the 6 MM Condenser Line, the five (5) NOCOLOK Lines, the Mechanical Radiator Line, and the Heater Core Line shall not exceed the pound per hour emission rate established as E in the following formula:

Interpolation and extrapolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour.

The allowable particulate emission rates pursuant to 326 IAC 6-3-2 are as follows:

Identification	Limit in pounds per hour
6 MM Condenser Line, Flux station, EU-3	4.9
NOCOLOK Line #1	3.1
NOCOLOK Line #2	3.1
NOCOLOK Line #3	3.1
NOCOLOK Line #4	2.0
NOCOLOK Line #5	2.0
Mechanical Radiator Line	4.9
Heater Core Line	4.9

The source sprays evaporating oils at all of these Lines, the evaporating oil is 90 % VOC, so at most 10 % may be emitted as overspray. The potential emissions are less than the allowable limit.

326 IAC 8-1-6 (Best Available Control Technology)

- (1) The 6MM Condenser Line emits less than 25 tons VOC per year, therefore, 326 IAC 8-1-6 BACT does not apply.
- (2) The NOCOLOK Lines #1 - 3, constructed in February 1992, February 1995, and July 1996, emit less than 25 tons per year, therefore, 326 IAC 8-1-6 BACT does not apply.
- (3) The NOCOLOK Lines #4 - 5, constructed in July, 1997, emit less than 25 tons per year, therefore, 326 IAC 8-1-6 BACT and 326 IAC 8-2-9 does not apply.
- (4) Each of the Mechanical Radiator Fin Press Lines, constructed in 1996, is limited to less than 25 tons per year, therefore, 326 IAC 8-1-6 BACT does not apply.

Compliance Requirements

Permits issued under 326 IAC 2-7 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAM, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-7-5. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

Air Toxic Emissions

Indiana presently requests applicants to provide information on emissions of the 188 hazardous air pollutants (HAPs) set out in the Clean Air Act Amendments of 1990. These pollutants are either carcinogenic or otherwise considered toxic and are commonly used by industries. They are listed as air toxics on the Office of Air Management (OAM) Part 70 Application Form GSD-08.

- (a) This source will emit levels of air toxics less than those which constitute a major source according to Section 112 of the 1990 Clean Air Act Amendments.
- (b) See the Title V application for detailed air toxic information.

Conclusion

The operation of this fabrication plant producing automobile condensers, radiators, and cooling modules shall be subject to the conditions of the attached proposed **Part 70 Permit No. T031-7017-00014.**

Indiana Department of Environmental Management Office of Air Management

Addendum to the Technical Support Document for New Construction and Operation

Source Name: Valeo, Inc. Engine Cooling Automotive Division
Source Location: 1100 East Barachel Lane, Greensburg, IN 47240
County: Decatur
Title V Permit No.: CP-031-7017-00014
SIC Code: 3714
Permit Reviewer: Holly M. Stockrahm

The permit listed above was submitted for public notice twice, initially on November 6, 1997, and again on May 14, 1999. Comments received during the initial public notice increased source emissions, and required significant revisions. Additionally, a source modification has been included that was issued on August 6, 1999. The following are the comments received and the responses from both public notices.

On November 6, 1997, the Office of Air Management (OAM) had a notice published in the Greensburg Daily News in Greensburg, Indiana, stating that Valeo, Inc. Engine Cooling Automotive Division had applied for a Title V permit to operate a fabrication plant producing automobile condensers, radiators, and cooling modules. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On December 12, 1997, Valeo, Inc. Engine Cooling Automotive Division submitted comments on the proposed construction permit. The summary of the comments and corresponding responses is as follows (changes are bolded for emphasis):

- Comment 1:**
Under Section A.1 of the proposed permit, the Responsible Official has changed to Arthur Connelly.

Response to Comment 1:

Under Section A.1, the Responsible Official has been changed as follows:

Responsible Official: ~~Malcolm Gillespie~~ **Arthur Connelly**

- Comment 2:**
Under Section A.2 (5) (a) of the proposed permit, the two fin presses have been removed.

Response to Comment 2:

OAM will delete the two fin presses.

- Comment:**
Under Section A.2 (b) (concerning the vapor degreaser) of the proposed permit, the carbon adsorber is not included in the description.

Response to Comments 2 and 3:

Section A.2 (5) has been changed as follows:

- (5) Heater Core Line, with a capacity of 300 aluminum/copper heating cores per hour, consisting of:
- (a) ~~two (2) fin presses with electric dry-off units, EU-50, using carbon filter, CE-50, as control, and exhausting to stack, PE-50,~~
 - (b) one (1) vapor degreaser, EU-51, using trichloroethylene as solvent, with a capacity of 300 copper/aluminum cores per hour, **using carbon adsorption as control**, exhausting to stack PE-51.

4. **Comment:**

The certification we submitted (CD-05) did not say that all facilities were in compliance.

Response to Comment:

The certification submitted that:

- (a) the Emission Unit, EU-53, was not in compliance with 326 IAC 2-1, requiring a construction permit, this Part 70 Operating Permit and Enhanced New Source Review fulfills the requirements of 326 IAC 2-1,
- (b) the Emission Unit, EU-51, was not in compliance with National Emission Standards for Hazardous Air Pollutants, 326 IAC 14, (40 CFR 63.460, Subpart T). The source has reviewed these requirements and determined if further controls or procedures are necessary,
- (c) the source had not submitted a written Emergency Reduction Plan, but pursuant to Condition C.16, the source will have 90 days from the issuance of the permit to submit the plan,
- (d) the source had not submitted emissions reports, but upon issuance of the permit will comply with Condition C.20 requiring the submission of emission reports.

Upon issuance of this Part 70 Operating Permit, and by complying with its conditions, the source will be in compliance. However, Condition C.10 has been deleted in the final permit.

5. **Comment:**

Under Condition D.1 in the proposed permit, CP-031-2313-0008 issued on February 3, 1992, should be changed to ID 16-10-93-0069 issued on October 1, 1993.

Response to Comment:

326 IAC 6-3-2(c) is enforceable without reference to the permit. Condition D.1.1 has been changed as follows:

D.1.1 Particulate Matter (PM) [326 IAC 6-3-2(c)]

~~Pursuant to CP-031-2313-00008, issued on February 3, 1992~~ **326 IAC 6-3-2(c)**, the PM from the flux station, EU-3, shall not exceed the pound per hour emission rate established as E in the following formula: the pound per hour emission rate established as E in the following formula:

5. **Comment:**

Under Condition D.1.4, there is no dryoff. Change to "solder line".

Response to Comment:

Condition D.1.4 has been changed as follows:

D.1.4 Particulate Matter (PM)

Pursuant to ID 16-10-93-0069, issued on October 1, 1993, the wet scrubber for PM control shall be in operation at all times when the ~~fluxer dry-off~~ **solder line** is in operation.

6. **Comments:**

Under Condition D.1.6 of the proposed permit, the description flux dryoff stack should be changed to "solder scrubber" stack. Also, the record keeping frequency "taken monthly" contradicts the frequency stated in section (1).

Response to Comment:

Condition D.1.6 (a) has been changed as follows:

D.1.6 Record Keeping Requirements

-
- (a) To document compliance with Condition D.1.1, the Permittee shall maintain records in accordance with (1) through (7) below. Records maintained for ~~(1)~~(2) through (7) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM emission limits established in Condition D.1.1.
- (1) To document compliance with Condition D.1.1, the Permittee shall maintain:
- (A) records of daily visible emission notations of the ~~flux dryoff~~ solder scrubber stack exhaust.

7. **Comment:**

Condition D.2.1 in the proposed permit is a condition limiting PM emissions from evaporative oil spraying. The application of oil is done in an enclosed unit, so particulate matter limits should not apply.

Response to Comment:

Conditions D.2.1 (Particulate Matter), D.2.3 (Preventive Maintenance Plan), D.2.5 (Monitoring-Visible Emissions Notations) have been deleted. Condition D.2.5 (Monitoring) and Condition D.2.6 (Recordkeeping) has been changed as follows:

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.2.53 Monitoring

~~(a)~~ Visible Emissions Notations:

-
- (1) Daily visible emission notations of the PE-3 stack exhaust shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.—
-
- (2) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.—
-
- (3) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.—
-
- (4) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.—
-
- (5) The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.—
-
- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

- (a) To document compliance with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.2.1.
 - (1) The amount and VOC content of each evaporative oil used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;
 - (2) A log of the dates of use;
 - (3) The total VOC usage for each month; and
 - (4) The weight of VOC and HAP emitted for each compliance period.

Condition D.2.6 has been changed from:

D.2.6 4 Record Keeping Requirements

- a) To document compliance with Condition D.2.1 and D.2.2, the Permittee shall maintain records in accordance with (1) through (7) below. Records maintained for (1) through (8) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM emission limits established in Condition D.2.1.
 - (1) To document compliance with Condition D.2.1, the Permittee shall maintain:
 - (A) records of daily visible emission notations of the flux dryoff stack exhaust.
 - (2) Documentation of all corrective actions implemented, per event.
 - (3) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.
 - (4) Quality Assurance/Quality Control (QA/QC) procedures.
 - (5) Operator standard operating procedures (SOP).
 - (6) Manufacturer's specifications or its equivalent.
 - (7) Equipment "troubleshooting" contingency plan.
 - (8) To document compliance with Condition D.2.2, the Permitted shall maintain:
 - (A) records of amount of evaporating oil usage,
 - (B) percent VOC of evaporating oil, and
 - (C) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

to be as follows:

D.5. Record Keeping Requirements

- a) To document compliance with Condition D.2.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.2.1.
- (1) records of amount of evaporating oil usage,
 - (2) percent VOC of evaporating oil, and
 - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

9. **Comment:**

Condition D.5.1 in the proposed permit is a condition limiting PM emissions from evaporative oil spraying. The application of oil is done in an enclosed unit, so particulate matter limits should not apply.

Response to Comment:

Conditions D.5.1 (Particulate Matter), D.5.3 (Preventive Maintenance Plan), D.5.5 (Monitoring by Visible Emissions Notations) and D.5.6 have been changed. Condition D.5.5 (Monitoring) has been changed from:

D.5.5 Monitoring

(a) ~~Visible Emissions Notations:~~

- ~~(1) Daily visible emission notations of the PE-3 stack exhaust shall be performed during normal daylight operations. A trained employee shall record whether emissions are normal or abnormal.~~
 - ~~(2) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.~~
 - ~~(3) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.~~
 - ~~(4) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.~~
 - ~~(5) The Preventive Maintenance Plan for this unit shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.~~
- (b) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan.

D.5.5 Monitoring

- (a) To document compliance with Condition D.5.1, the Permittee shall maintain records in accordance with (1) through (4) below. Records maintained for (1) through (4) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC usage limits and/or the VOC emission limits established in Condition D.5.1.
- (1) The amount and VOC content of each evaporative oil used. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used;
 - (2) A log of the dates of use;
 - (3) The total VOC usage for each month; and
 - (4) The weight of VOC and HAP emitted for each compliance period.

Condition D.5.6 has been changed from:

D.5.6 Record Keeping Requirements

- a) ~~To document compliance with Condition D.5.1 and D.5.2, the Permittee shall maintain records in accordance with (1) through (7) below. Records maintained for (1) through (8) shall be taken monthly and shall be complete and sufficient to establish compliance with the PM emission limits established in Condition D.5.1.~~
- ~~(1) To document compliance with Condition D.5.1, the Permittee shall maintain:~~
- ~~(A) records of daily visible emission notations of the flux dryoff stack exhaust.~~
- ~~(2) Documentation of all corrective actions implemented, per event.~~
- ~~(3) Operation and preventive maintenance logs, including work purchases orders, shall be maintained.~~
- ~~(4) Quality Assurance/Quality Control (QA/QC) procedures.~~
- ~~(5) Operator standard operating procedures (SOP).~~
- ~~(6) Manufacturer's specifications or its equivalent.~~
- ~~(7) Equipment "troubleshooting" contingency plan.~~
- ~~(8) To document compliance with Condition D.5.2, the Permitted shall maintain:~~
- ~~(A) records of amount of evaporating oil usage;~~
- ~~(B) percent VOC of evaporating oil, and~~
- ~~(C) VOC emissions per month.~~
- ~~(b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~

D.5.4 Record Keeping Requirements

- (a) To document compliance with Condition D.5.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.5.1.
- (1) records of amount of evaporating oil usage,
 - (2) percent VOC of evaporating oil, and
 - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

10. Comment:

Condition D.5.2 limits VOC emissions to 24 tons per year does not agree with the information that was submitted with the application.

Response to Comment:

The potential VOC emissions for the Mechanical Radiator Line were 5.9 lb VOC/gallon*40 gal/day*day/24 hours = 9.83 lb VOC/hr*ton/2000 lb*8760 hr/yr*4 presses = 172 tons per year . Potential VOC emissions from the source prior to the addition of the Mechanical Radiator Line were 223 tons per year. The actual emissions for the Mechanical Radiator Line were 117 tons per year based on 6000 hours of operation. Total actual VOC emissions from the source prior to the addition of the Mechanical Radiator Line were 158 tons per year.

- (a) The Emissions Table from the Emissions Calculations Section on page 5 of 14 of the TSD has been revised as follows:

Emissions Table

Emission Source	PM	PM10	SO2	NOx	VOC	CO
Evaporating Oils	17	0.0	0.0	0.0	172	0.0

- (b) Condition C.1 (PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]) of the proposed permit has been changed from:

C.1 PSD Minor Source Status [326 IAC 2-2] [40 CFR 52.21]

- (a) The total source potential to emit volatile organic compounds is less than 250 tons per 365 consecutive day period. Therefore, the requirements of 326 IAC 2-2 (Prevention of Significant Deterioration) and 40 CFR 52.21 will not apply.
- (b) Any change or modification which may increase potential emissions to 250 tons per twelve (12) consecutive month period, from the equipment covered in this permit, shall require a PSD permit pursuant to 326 IAC 2-2, before such change may occur.

to be as follows:

C.1 Major Source

Pursuant to 326 IAC 2-2 (Prevention of Significant Deterioration), this source is a major source.

- (c) Section D.5 of the title V permit shall be changed as follows:
- (1) the fin presses shall be described as P0, P1, P2, and P3. P1, P2, and P3 were constructed in 1991, P0 was installed in 1994. A BACT analysis was requested and submitted by the source. The source has chosen source reduction to limit emissions and remove rule applicability.
- (2) Condition D.5.1 shall be changed from:

D.3.1 Volatile Organic Compounds (VOC)

- ~~(a) The VOC emissions from the evaporating oil usage do not exceed twenty-four (24) tons per year. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.~~
- (a) The VOC input from the evaporating oil usage on each of the Presses P0, P1, P2, and P3, is less than twenty-five (25) tons per twelve month consecutive period. Therefore, the best available control technology (BACT) requirement in 326 IAC 8-1-6 (New Facilities: General Reduction Requirements) does not apply.
- (b) Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from the equipment must be approved by the Office of Air Management (OAM) before such change may occur.

On May 14, 1999, the Office of Air Management (OAM) had a second notice published in the Greensburg Daily News in Greensburg, Indiana, stating that Valeo, Inc. Engine Cooling Automotive Division had applied for a Title V permit to operate a fabrication plant producing automobile condensers, radiators, and cooling modules. The notice also stated that OAM proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On June 13, 1999, Valeo, Inc. Engine Cooling Automotive Division submitted comments on the proposed construction permit. The summary of the comments and corresponding responses is as follows (changes are struck out or redlined for emphasis):

Comment 1:

Condition D.2.1 does not clearly identify emission limitation for each line. The limitations should be:

Line 1: 25 tons
Line 2: 25 tons
Line 3: 25 tons
Lines 4 and 5: 25 tons

Response to Comment 1:

Condition D.2.1 shall be changed as follows:

D.2.1 Volatile Organic Compounds (VOC) [326 IAC 8-1-6]

Any change or modification which may increase the potential VOC emissions to 25 tons per year or more from **each of** the NOCOLOK lines #1 - #5, must be approved by the Office of Air Management (OAM) before such change may occur. The input VOC to each **NOCOLOK lines #1 through #5 is** less than 25 tons per year, therefore, 326 IAC 8-1-6 (BACT) does not apply.

Comment 2:

There are no requirements listed under section D.2, which should probably be the same as in section D.3.

Response to Comment 2:

The potential emissions of each of the NOCOLOK lines, #1, #2, or #3, and from both of the NOCOLOK lines #3 and #4 are less than 25 tons per year, therefore, no reporting should be required. Recordkeeping requirements for sections D.2, and D.3, are as follows:

D.x.3 Record Keeping Requirements

- (a) To document compliance with Condition D.x.1, the Permittee shall maintain records in accordance with (1) through (3) below. Records maintained for (1) through (3) shall be taken monthly and shall be complete and sufficient to establish compliance with the VOC emission limits established in Condition D.x.1.
- (1) records of amount of evaporating oil usage,
 - (2) percent VOC of evaporating oil, and
 - (3) VOC emissions per month.
- (b) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

Comment 3:

Prior to Condition D.3.1, the title Emissions Limitations and Standards is missing. The emission limitations are not clearly defined. The limitations should be 25 tons per year for each press.

Response to Comment 3:

The title has been added. These Presses each have potential emissions of less than 25 tons per year, therefore, no additional limit is required so that BACT does not apply. This comment effects no change to the permit.

Comment 4:

Conditions D.3.3 and D.3.4 incorrectly refer to complying with D.4.1 instead of D.3.1. Valeo uses oil usage logs to determine emissions for each regulated unit. Also, under D.3.3 (a) (2), the total VOC usage should be total VOC emissions.

Response to Comment 4:

Condition D.3.3 has been modified (See response to comment 2), and D.3.4 (Reporting) has been deleted. The potential emissions from each or the mechanical rad presses are less than 25 tons per year, so no reporting are required. Unless continuous monitoring is required, VOC input, not emissions are being monitored.

Comment 5:

Valeo has developed one reporting form to cover certification, Emergency/Deviation, and the Quarterly Report. Is this acceptable?

Response to Comment 5:

Yes, OAM will accept equivalent forms.

OAM issued a significant modification on August 6, 1999, 031-10782-00014, which was mentioned in the TV TSD as an application in house. The equipment and requirements are incorporated into the TV permit as follows:

1. The responsible official is Mark Rynearson. Section A.1 has been changed as follows:

Responsible Official: ~~Malcolm Gillespie~~ Mark Rynearson

2. Section A.2 and the description box of Section D.1 has been changed as follows:

This stationary source consists of the following emission units and pollution control devices:

- (a) 6 MM Condenser Line, with a capacity of 300 aluminum cores per hour, consisting of:
 - (1) one (1) solder line, EU-3, using a wet scrubber, CE-3, as control, and exhausting to stack PE-3.
- (b) NOCOLOK Line #1, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) one (1) natural gas core conditioning oven, EU-20, with a capacity of 2.4 million British thermal units per hour (MM Btu/hr), exhausting to stack PE-20,
 - (2) one (1) cool down station, EU-19, exhausting to stack PE-19,
 - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (c) NOCOLOK Line #2, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) one (1) natural gas core conditioning oven, EU-31, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-31,
 - (2) one (1) cool down station, EU-32, exhausting to stack PE-32,

- (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (d) NOCOLOK Line #3, with a capacity of 150 aluminum cores per hour, consisting of:
 - (1) one (1) natural gas core conditioning oven, EU-44, with a capacity of 4.0 MM Btu/hr, exhausting to stack PE-44,
 - (2) one (1) cool down station, EU-45, exhausting to stack PE-45,
 - (3) one (1) core assembly process which includes the application of 4.3 pounds of evaporating oil per hour.
- (e) NOCOLOK Line #4, with a throughput of 80 aluminum cores (700 pounds) per hour consisting of:
 - (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
 - (2) one (1) natural gas core conditioning oven, EU-N4CO, with a capacity of 2.0 MM Btu/hr, exhausting to stack PE-53,
 - (3) one (1) conditioning cool down station, exhausting to stack PE-54.
- (g) NOCOLOK Line #5, with a throughput of 80 aluminum cores (700 pounds) per hour, consisting of:
 - (1) one (1) core assembly process which includes the application of 1.5 pounds of evaporating oil per hour,
 - (2) one (1) natural gas core conditioning oven, EU-N5CO, with a capacity of 2.0 MM Btu/hr, and, exhausting to stack PE-59,
 - (3) one (1) cool down station, exhausting to stack PE-60.
- (h) NOCOLOK Line # 6, with a capacity of 400 lbs/hr, consisting of:
 - (1) one (1) core assembly process,
 - (3) one (1) natural gas core conditioning oven, with a capacity of 4.0 MMBTU/hr, exhausting to stack PE-600A, B ,
 - (4) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-601,
 - (5) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-602,
 - (6) one (1) nitrogen electric braze oven, exhausting to stack PE-603A, B,
 - (7) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-604,
 - (8) one (1) natural gas paint dryoff oven, with a capacity of 0.4 MMBTU/hr, exhausting to stack PE-605.
- (i) NOCOLOK Line # 7, with a capacity of 300 lbs/hr, consisting of:
 - (1) one (1) core assembly process,

- (2) one (1) natural gas core conditioning oven, with a capacity of 2.0 MMBTU/hr, exhausting to stack PE-700A, B,
 - (3) one (1) spray fluxer with capacity of 11 lb/hr of Aluminum Flouride Flux, exhausting to stack PE-701,
 - (4) one (1) natural gas flux dry off oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-702,
 - (5) one (1) nitrogen electric braze oven, exhausting to stack PE-703A, B,
 - (6) one (1) mass spec test with helium lubricating oil, exhausting to stack PE-704,
 - (7) one (1) natural gas paint dryoff oven, with a capacity of 1.5 MMBTU/hr, exhausting to stack PE-705.
- (h)(j) Mechanical Radiator, EU-53, utilizing no control, and not exhausting to a stack, consists of:
- (1) four (4) fin press lines which includes the application of 4.4 pounds per hour of evaporating oil for each press.

The Mechanical Radiator Line, EU-53, was included in both this TV permit application and the significant modification, 031-10782-00014. The enforcement issue is being dealt with under the significant modification, and has been included as an enforcement issue of the TV TSD.